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UREDO JONESII.—Sori hypophyllous, numerous, orbicular, compact, bright orange, surrounded by the ruptured epidermis; spores subglobose, rough, .0009 to .00011 in. broad, orange yellow fading to whitish.

Living leaves of *Ribes*. New Mexico. October. M. E. Jones.

The sori occupy the whole lower surface of the leaf and by their bright color give it a beautiful appearance.

EXPLANATION OF PLATE, XLIX.—*Boletus sphærosporus*, Peck. Fig. 1. Lateral view of a plant. Fig. 2. Six spores x 400. *Puccinia tumidipes*, Peck. Fig. 3. A leaf bearing five sori of the uredo-form. Fig. 4. A leaf bearing sori of the teleutospores. Fig. 5. Three uredo-spores x 400. Fig. 6. Two teleutospores in erect position x 400. Fig. 7. A teleutospore recumbent on its pedicel, the apex directed downward, x 400. Fig. 8. A teleutospore in similar position, but the apex directed upward x 400. *Puccinia globosipes*, Peck. Fig. 9. A leaf bearing two sori. Fig. 10. Three teleutospores x 400.

Contributions toward a List of the State and Local Floras of the United States.*

Catalogue of Plants collected during the Exploration of the Colorado River of the West by Lieut. J. C. Ives in 1857-58. By Drs. Gray, Torrey, Thurber and Engelmann. (C.)

In Report of Expedition, part iv. Washington, 1861.

Description of the Species constituting the Botany of the Basin of the Great Salt Lake of Utah, as far as it is known. By E. Durand. (C.)

In Trans. Amer. Philos. Soc. Vol. xi., n. ser., 1860.

A Catalogue of Plants collected in 1872 in Utah, Wyoming, etc. By J. M. Coulter. (B.)

In U. S. Geol. Surv. Montana, Idaho, Wyoming and Utah, 1872, p. 758. Washington, 1873.

Botanical Observations in Western Wyoming. By C. C. Parry, M.D.

In Amer. Nat. viii., pp. 9, 102, 175, 211. (B.)

Botanical Observations in Southern Utah. By C. C. Parry, M.D.

In Amer. Nat. ix., pp. 14, 139, 199, 267, 346. (B.)

Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico and Arizona with Descriptions of those not contained in Gray's Manual of the Northern United States and Vol. v., Geol. Expl. of the 40th Parallel. By J. T. Rothrock and others. (C.)

In U. S. Geol. Surv. West of 100th Meridian, Vol. vi. 4to. Washington, 1878.

Catalogue of Plants collected in the years 1871, 1872 and 1873 with Descriptions of New Species. (Nevada, Utah, Arizona.) By S. Watson and J. T. Rothrock. (C.)

In U. S. Geog. and Geol. Expl. and Surv. West of the 100th Meridian, 8vo., pamphlet, Washington, 1874.

Plants collected during Capt. J. H. Simpson's Explorations across the Great Basin of the Territory of Utah. By George Engelmann. (C.)

In Rep. of Explorations, Appendix M. Washington, 1876.

W. R. G.
N. L. B.

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*Continued from page 28.